

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9/B
AP
4/27/02

In re Application of: McTigue et al.

Art Unit: NOT YET ASSIGNED

Serial No. NOT YET ASSIGNED

Examiner: NOT YET ASSIGNED

Filed: August 28, 3001

Atty. Docket: 0125-0016D2

For: Modifications of VEGF Receptor-2 Protein
and Method of Use

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, Applicant herewith
respectfully requests the following amendments:

IN THE CLAIMS:

Kindly delete claims 1-16 and replace with the following claims 17-27.

17. A method for identifying compounds which interact with the kinase domain of a modified RTK polypeptide comprising the steps of:
- (a) expressing in a host cell an isolated DNA sequence or variant thereof which encodes a modified RTK gene construct, wherein said RTK gene construct contains an RTK kinase domain α helix D linked to RTK kinase domain α helix E by a truncated RTK kinase insert domain (KID), said host cell capable of producing a modified RTK polypeptide that retains kinase activity and is suitable for x-ray crystallography; and
 - (b) exposing said modified RTK polypeptide to said compound; and
 - (c) evaluating the interaction between the kinase domain of said modified RTK polypeptide and said compound.